Nuray Kup Aylikci

List of Publications by Year
in descending order

31	283	933447	940533
papers	citations	10 h-index	16 g-index

33	33	33	149
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Updated database and new empirical values for K-shell fluorescence yields. Radiation Physics and Chemistry, 2012, 81, 713-727.	2.8	36
2	Alloying effect on K shell X-ray fluorescence parameters and radiative Auger ratios of Co and Zn in ZnxCo1â^'x alloys. Chemical Physics Letters, 2010, 484, 368-373.	2.6	24
3	Investigation on L-shell X-ray fluorescence parameters for heavy elements and compounds. Chemical Physics Letters, 2010, 498, 107-112.	2.6	20
4	K-shell X-ray fluorescence parameters of some heavy elements and compounds. Radiation Physics and Chemistry, 2011, 80, 328-334.	2.8	20
5	Empirical, Semi-Empirical and Experimental Determination of K X-Ray Fluorescence Parameters of Some Elements in the Atomic Range 21â‰¤Zâ‰¤30. Spectroscopy Letters, 2015, 48, 331-342.	1.0	18
6	Effect of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>H treatment on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi></mml:math>-shell x-ray intensity ratios and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>K</mml:mi></mml:math>-shell x-ray-production cross sections in ZnCo alloy	2.5	17
7	Influence of alloying effect on X-ray fluorescence parameters of Co and Cu in CoCuAg alloy films. Chemical Physics Letters, 2009, 475, 135-140.	2.6	16
8	Alloying effect on K X-ray intensity ratios, K X-ray production cross-sections and radiative Auger ratios in superalloys constitute from Al, Ni and Mo elements. Chemical Physics, 2010, 377, 100-108.	1.9	16
9	Chemical Effect on K Shell X-ray Fluorescence Parameters and Radiative Auger Ratios of Co, Ni, Cu, and Zn Complexes. Chinese Journal of Chemical Physics, 2010, 23, 138-144.	1.3	15
10	Chemical effects on the L-shell X-ray fluorescence parameters of Ta and W compounds. Journal of Electron Spectroscopy and Related Phenomena, 2012, 184, 556-560.	1.7	14
11	Alloying effect on K X-ray intensity ratio and production cross section values of Zn and Cr in Znî—¸Cr alloys. Radiation Physics and Chemistry, 2013, 87, 6-15.	2.8	11
12	Empirical and semi-empirical interpolation of L X-ray fluorescence parameters for elements in the atomic range 50â‰¤Zâ‰¤92. Radiation Physics and Chemistry, 2015, 106, 99-125.	2.8	10
13	The investigation of K-shell fluorescence parameters of Zn-Fe alloys with different grain size and microstrain values. X-Ray Spectrometry, 2017, 46, 242-251.	1.4	8
14	Influence of chemical effect on the K-shell X-ray production cross-sections and radiative Auger ratios of Zn complexes. Chemical Physics, 2009, 365, 144-149.	1.9	7
15	New K-shell fluorescence yields curve for elements with 3 â‰¤ Z â‰¤ 99. Journal of the Korean Physical Society, 2015, 67, 1537-1543.	0.7	7
16	Microhydrogen production with water splitting from daily used waste aluminum. International Journal of Hydrogen Energy, 2021, , .	7.1	7
17	New procedure calculation of photon-induced KÎ²/KÎ± intensity ratios for elements 16S to 92U. Journal of Radiation Research and Applied Sciences, 2014, 7, 346-362.	1.2	6
18	New empirical formulae for calculation of average M-shell fluorescence yields. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 145, 205-213.	2.3	6

#	Article	IF	Citations
19	L 1 , L 2 , and L 3 subshell fluorescence yields: Updated database and new empirical values. Radiation Physics and Chemistry, 2016, 125, 227-251.	2.8	6
20	Review of experimental photon-induced K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e25781" altimg="si270.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:msub></mml:math>/K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e25789" altimg="si271.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mi>Î±</mml:mi></mml:mrow></mml:msu	2.4	6
21	Structure and anion effect on conductivity and K and L shell fluorescence parameters at green solvents. Chemical Physics Letters, 2013, 556, 365-371.	2.6	4
22	Ytterbium to thorium semi-empirical average M-shell fluorescence yields. Radiation Physics and Chemistry, 2015, 112, 71-75.	2.8	2
23	The semi-empirical determination of KLL Auger, KÎ±1 and KÎ±2 X-ray line widths for sulfur atom in new 1,2,4-triazol compounds containing thiophene ring. Chemical Physics Letters, 2018, 706, 40-46.	2.6	2
24	The Semi-Empirical Determination of Kï¡ X-ray, KLL Auger Line and L subshell level widths for 3d transition elements at 59.5 keV. Celal Bayar Universitesi Fen Bilimleri Dergisi, 0, , 57-64.	0.5	2
25	Determination of natural line widths of KÎ± X-ray lines for some elements in the atomic range 50â‰Zâ‰65 at 59.5 keV. AIP Conference Proceedings, 2017, , .	0.4	1
26	Semi-empirical determination of K_{Î±1,2}, K_{Î²1,3}, and K_{Î²2,4} X-ray natural line widths for various elements between 29 â‰ Zâ€‰â‰â€‰74 at 123.6â€‰keV. Spectroscopy Letters, 2019, 52, 346-355.	1.2	1
27	Updated database, new empirical and theoretical values of average L shell fluorescence yields of elements with 23â‰Zâ‰96. Radiation Physics and Chemistry, 2020, 166, 108495.	2.8	1
28	Calculation of K-shell fluorescence yields for low-Z elements. AIP Conference Proceedings, 2015, , .	0.4	0
29	The ratios of emission probabilities of Auger electrons for 3d transition elements at 59,5 keV. AIP Conference Proceedings, 2017, , .	0.4	0
30	Empirical K-shell production cross sections induced by 2-5â€…MeV alpha on elements of Z = 25 to 30. AIP Conference Proceedings, 2018, , .	0.4	0
31	5.96 keV Enerjide Hg, Pb and Bi Elementlerine ait BileÅŸiklerin Ortalama M KabuÄŭu Floresans Verimlerinin AraÅŸtÄ±rÄ±lmasÄ± ve 70Yb ile 92U ArasÄ±ndaki Elementlerin Ortalama M KabuÄŭu Floresans Verimlerinin Deneysel Olarak HesaplanmasÄ±. Cumhuriyet Science Journal, 2018, 39, 745-755.	0.3	0